

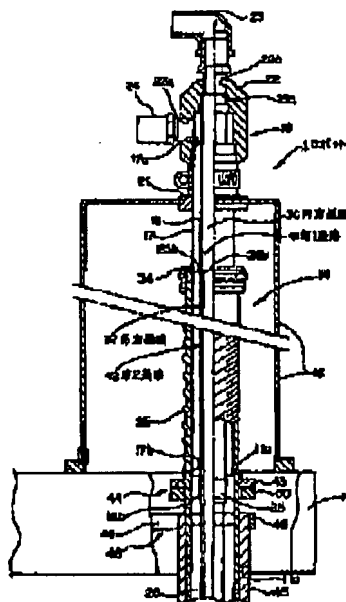
## PIPING STRUCTURE BETWEEN TREATMENT HEAD AND PRESSURE SOURCE

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## Abstract of JP10006272

**PROBLEM TO BE SOLVED:** To omit provision of any conduit pipe to serve as a negative pressure passage, which has been exposed over the second arm 11 according to the conventional arrangement. **SOLUTION:** A major diametric pipe 25 situated below is fitted slidably to a major diametric pipe 17 situated over airtightly, and a minor diametric pipe 26 situated below is fitted slidably to a minor diametric pipe 18 situated over airtightly. The internal spaces of the two minor pipes 18 and 26 are used as an internal passage 36, while the space between the peripheries of these minor pipes and the bores of the two major pipes 17 and 25 is used as an external passage 37. A treatment head is installed at the bottoms of the below-situated two pipes 25 and 26 and is equipped with two suction pads, one of which is in communication with a negative pressure source via the first passage 41 which consists of the internal passage 36 and the like, and the other in communication with negative pressure source via the second passage 42 which consists of the external passage 37, etc.



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